## INTERNATIONAL SEARCH REPORT

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International application No.

PCT/US04/31412

A. CLASSIFICATION OF SUBJECT MATTER  IPC(7) : A61K 31/59; C07C 401/00  US CL : 514/167; 552/653  According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols)  U.S.: 514/167; 552/653			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) USPATFULL, USPREPUB, INTERNET VIA A9.com			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
A	US 5,665,387 (MATHIEU et al) 09 Septemer 1997 (09.09.1997)		1-159
x	WO 02/094247 A2 (ADORINI et al) 10 May 2002 (10.05.2002), see the entire document, especially lines 4-25 on page 3, lines 6-17 on page 4, examples, figures, and claims.		1-159
x	US 6,492,353 B1 (MANCHAND et al) 10 December document, especially Formula I in col. 3, lines 55-62 examples, and claims.	1-159	
A	MATHIEU et al. Prevention of autoimmune diabetes in NOD mice by 1,25 dihydroxyvitamin D3. Diabetologia (1994) 37 pages 552-558		1-159
Further documents are listed in the continuation of Box C.  See patent family annex.  * Special categories of cited documents:  "T" later document published after the international filing date or priority			
"A" document defining the general state of the art which is not considered to be date and not in conflict with the appropriate to the principle or theory underlying the		lication but cited to understand the vention	
,	"E" earlier application or patent published on or after the international filing date  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive when the document is taken alone		le claimed invention cannot be dered to involve an inventive step
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means		"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	
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"P" document published prior to the international filing date but later than the priority date claimed  "E" document member of the same patent family  Date of the actual completion of the international search  Date of mailing of the international search report			
Date of the actual completion of the international search  10 December 2004 (10.12.2004)		Authorized officer  18 JAN 2005	
		Authorized officer	<del>/                                    </del>
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